

WEEKLY CROP-WEATHER

MN and U.S. Depts. of Agriculture
PO Box 7068, St. Paul, MN 55107
Phone: (651) 296-2230
E-mail: nass-mn@nass.usda.gov
Homepage: <http://www.nass.usda.gov/mn/>

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

WELL TIMED RAINS SHOULD HELP CROP CONDITIONS

The rains finally came, slowing fieldwork for the week, according to the Minnesota Agricultural Statistics Service. For many producers the rain came just in time. Most planting had been completed, and the moisture helped with the emergence and growth of the new crop. Isolated areas of the state experienced hail damage, washouts, or standing water in fields. Scattered hard frosts occurred at the end of the week and some replanting of corn will result, notably in northern portions of the West Central District.

Topsoil moisture conditions improved across most of the state, with 3% rated very short, 19% short, 72% adequate, and 6% surplus as of Friday. Rainfall amounts were generally light to moderate, averaging 1.22 inches for the state. Similar amounts will be needed weekly to avoid a return to abnormally dry conditions.

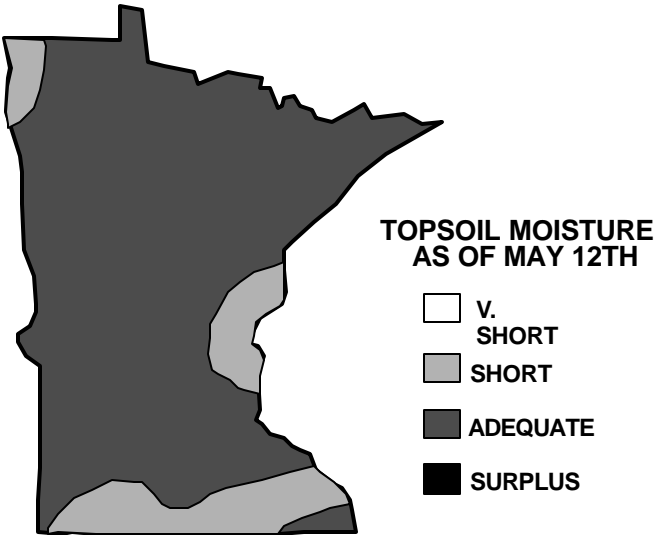
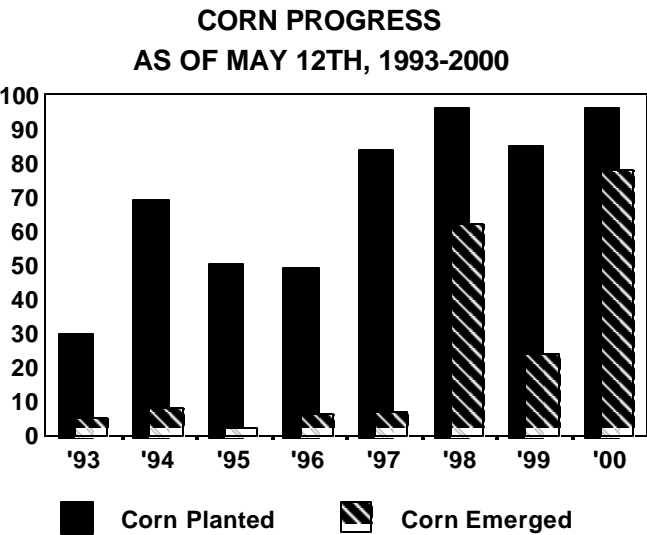
Corn planting is drawing to a close with an estimated 96% of corn acreage planted as of Sunday night, compared with 85% last year, and 73% for the 5-year average for the same date. An estimated 78% of corn has emerged versus 24% last year; the 5-year average is 20%. Soybean acreage is 76% planted, compared with 23% planted last year, and the 5-year average of 28%.

Spring Wheat is 98% planted, versus 68% for this date last year and 49% for the 5-year average. Emergence of spring wheat has reached 70%, compared with 28% for the 5-year average.

Pasture conditions as of Friday were rated as 46% good to excellent. Alfalfa hay first cutting is expected to begin within a week in southern areas.

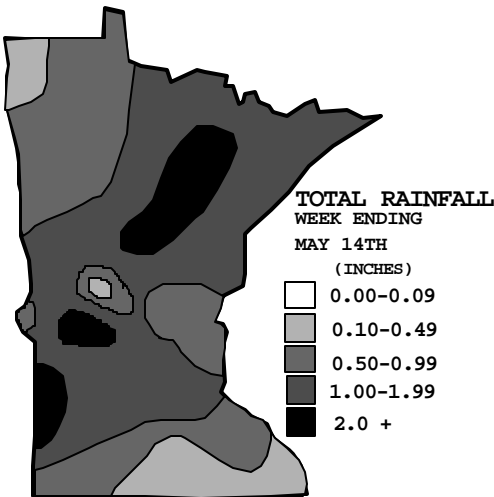
Days Suitable for Fieldwork: 3.3					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		3	19	72	6
Crop Progress as of May 14, 2000					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Planted	73	85	93	96
	Emerged	20	24	37	78
Soybeans	Land Prepared	46	50	75	87
	Planted	28	23	54	76
Spring Wheat	Emerged	4	1	NA	25
	Planted	49	68	90	98
Barley	Emerged	28	46	41	70
	Planted	41	46	82	97
Oats	Emerged	22	29	35	71
	Planted	80	78	87	96
Canola	Emerged	47	57	56	79
	Planted	NA	4	56	82
Green Peas	Planted	62	60	72	83
Potatoes	Planted	45	47	51	61
Sweet Corn	Planted	31	31	34	51
Dry Beans	Planted	12	11	9	32
Sunflowers	Planted	11	9	14	38
Sugarbeets	Planted	64	77	98	99
Crop Condition as of May 12th in %					
	V.Poor	Poor	Fair	Good	Exc.
Pasture	2	7	45	41	5
Barley	0	1	34	53	12
Spring Wheat	2	2	29	51	16
Oats	0	1	26	57	16

Planting Progress as of May 12th in %								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Spring Wheat	98	82	99	99	98	99	99	99
Barley	96	75	98	99	98	99	99	99
Oats	89	75	97	99	97	99	99	99
Corn	69	56	94	94	85	98	99	94
Soybeans	55	20	58	78	22	79	76	92



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING MAY 14,2000:

Temperatures averaged from 2.7 degrees below normal in the East Central District to 11.2 degrees above normal in the South Central District. Extremes: 28° in Moorhead; 88° in Winona. Precipitation averaged from 0.15 inch below normal in the South Central District to 1.12 inches above normal in the Northeast District. Greatest weekly total was 3.40 inches.



Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum to 50 degrees.

Precipitation and Temperature Summary for 05/08/2000 through 05/14/2000

	Temperature				Precipitation			G D D		
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since Apr 28	Depart from Norm
<u>NW DIST 1</u>										
Crookston	72	32	51.8	-1.3	.48	-.02	-1.03	-.90	162	51
Moorhead	67	28	50.3	-4.2	.58	.05	-.70	-.68	173	49
Warroad	67	31	49.5	-.0	.83	.40	-.11	-.15	125	41
<u>NC DIST 2</u>										
Grand Rapids	67	32	49.1	-2.3	2.08	1.44	1.41	1.64	158	62
Intl. Falls	68	30	48.6	-1.8	1.34	.85	.74	1.17	134	44
Itasca	73	32	48.8	-1.9	1.38	.82	-.70	-.68	159	68
<u>NE DIST 3</u>										
Duluth	65	34	49.2	-.0	1.86	1.22	-.05	-.12	125	50
Grand Marais	63	35	47.1	.7	1.19	.59	-.50	-.52	47	-5
Hibbing	65	34	49.2	-.7	2.07	1.54	.43	.90	139	57
<u>WC DIST 4</u>										
Alexandria	63	34	49.3	-5.3	.42	-.16	.54	-.09	169	45
Browns Valley	70	31	53.4	-1.4	.55	.01	.35	-.31	176	53
Canby	81	36	56.3	-.1	3.40	2.78	1.94	1.41	212	73
Fergus Falls	72	35	51.5	-2.7	1.53	.99	.94	.75	180	62
Montevideo	79	32	57.2	.9	1.45	.79	-.33	-.78	204	65
Morris	76	33	54.4	-.1	2.02	1.44	.52	.24	199	76
<u>CENT DIST 5</u>										
Becker	81	35	55.4	1.0	.83	.12	-1.37	-1.84	218	96
Hutchinson	86	34	56.8	.5	1.26	.64	-.39	-.85	243	105
Olivia	83	33	55.6	-.9	1.02	.40	-.92	-1.60	229	88
St. Cloud	67	33	51.0	-3.3	1.04	.41	-.20	-.85	202	82
Staples	76	33	51.1	-1.8	2.14	1.54	.46	-.08	171	63
Willmar	79	37	55.8	.1	1.88	1.22	-.38	-1.05	209	76
<u>EC DIST 6</u>										
Aitkin	78	32	49.2	-2.9	2.23	1.61	.96	1.60	166	65
Cambridge	65	34	50.9	-4.3	.95	.29	.01	-.09	190	62
MSP Airport	74	37	54.3	-2.5	1.18	.46	-.64	-1.44	221	76
St. Paul - UofM	83	38	57.6	-1.3	.96	.22	-.91	-1.66	247	80
<u>SW DIST 7</u>										
Lamberton	85	36	56.5	-.0	1.41	.72	-.48	-1.35	218	77
Pipestone	84	33	55.2	.0	2.78	2.08	1.64	2.10	207	78
Redwood Falls	77	35	55.0	-3.1	1.06	.40	-.74	-.89	225	67
Worthington	85	37	56.2	.6	.77	.09	-.42	-1.18	210	81
<u>SC DIST 8</u>										
Faribault	87	33	55.6	-.0	1.09	.26	-.98	-2.07	221	89
Waseca	85m	61m	73.0m	17.2m	.41m	-.39m	-2.05m	-3.24m	187m	52m
Winnebago	85m	60m	72.5m	16.5m	.45m	-.33m	-1.69m	-2.58m	183m	45m
<u>SE DIST 9</u>										
Preston	85	31	56.2	1.8	1.01	.19	-1.14	-2.36	223	102
Red Wing	83	39	56.0	2.5	.72	-.13	-1.05	-2.39	224	113
Rochester	73	35	52.9	-2.1	.76	.01	-1.41	-2.51	214	88
Rosemount	82	34	57.4	.7	1.77	.92	-.05	-1.04	239	96
Winona	88	40	59.9	4.0	.39	-.46	-1.42	-1.25	255	117

m=some data missing

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